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U.S. DEPARTMENT OF COMMERCE Ú.S. Patent and Trademark Office

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).  Color drawings are not acceptable until petition is granted. Fig(s)  Pencil and non black ink not permitted. Fig(s)  2. PHOTOGRAPHS. 37 CFR 1.84(b)  One (1) full-tone set is required. Fig(s)  Photographs must meet paper size requirements of 37 CFR 1.84(c) Photographs must meet paper size requirements of 37 CFR 1.84(c) Photographs must meet paper size requirements of 37 CFR 1.84(c) Paper not flexible, strong, white, and durable. Fig(s)  2. POOR THE STATE OF PAPER 37 CFR 1.84(c) Paper not flexible, strong, white, and durable. Fig(s)  4. SIZE OF PAPER. 37 CFR 1.84(c) Drawings sheets not as acceptable size. Sheet(s) Drawings sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) Shar ARGINS. 37 CFR 1.84(c): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm. Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) 6. VIEWS. 37 CFR 1.84(c) Priges) 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)  7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Solid black surface shading shown not appropriate. Fig(s) Solid black surface shading shown not appropriate	1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).  Color drawings are not acceptable until petition is granted. Fig(s) Pencil and non black ink not permitted. Fig(s) 2. PHOTOGRAPHS. 37 CFR 1.84(b) One (1) full-tone set is required. Fig(s) Photographs may not be mounted. 37 CFR 1.84(c) Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) Poor quality (half-tone). Fig(s) 3. TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) Paper not flexible, strong, white, and durable. Fig(s)  A SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes: 21.0 cm by 27.9 cm (8 1/2x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom (B) 6. VIEWS. 37 CFR 1.84(b) REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. Views not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Solid black sanding not permitted. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not oriented the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers of Reference characters not oriented the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers of Reference characters not plain and legible. Fig(s) Numbers of reference characters not plain and reference cha	A. approved by the Draftsperson under 37 CFR 1.84 or B. objected to by the Draftsperson under 37 CFR 1.84 or drawings are required.	are: 1.152. or 1.152 for the reasons indicated below. Corrected
Paper not flexible, strong, white, and durable. Fig(s)  £rasures, alterations, overwritings: interlineations, folds, copy machine marks not accepted. Fig(s)  4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) or 21.6 cm by 27.9 cm (8 1/2x 11 inches) All drawing sheets not the same size: Sheet(s)  5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm Margins not acceptable. Fig(s)  Top (T) Right (R) Bottom (B)  6. VIEWS. 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C; etc., the specification, at the Brief Description of the Drawings, must likewise be changed. Views not labeled separately or properly. Fig(s)  7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)  Solid black shading not permitted. Fig(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p) Numbers and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p) Lead lines missing. Fig(s)  11. SHADING. 37 CFR 1.84(m) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p) Fig(s) Numbers and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(2) Fig(s)  Numbers letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(q) Lead lines missing. Fig(s)  14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(u) Views not numbered consecutively, and in Arabin numerals, beginning with number 1. Fig(s)  15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not numbered consecutively, and in Arabin numerals, beginning with number 1. Fig(s)  Solid black sardace page. Fig(s)  16. DESIGN DRAWINGS. 37 CFR 1.84(u) Views not numbered consecutively, and in Arabin numerals, beginning with number 1. Fig(s)  Solid black sardace page. Fig(s)  16. DESIGN DRAWINGS. 37 CFR 1.84(u) Views	Paper not flexible, strong, white, and durable. Fig(s)	drawings are required.  1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).  Color drawings are not acceptable until petition is granted. Fig(s)  Pencil and non black ink not permitted. Fig(s)  2. PHOTOGRAPHS. 37 CFR 1.84(b)  One (1) full-tone set is required. Fig(s)  Photographs may not be mounted. 37 CFR 1.84(e)  Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s)	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)  Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)  9. SCALE. 37 CFR 1.84(k)  Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.  Fig(s)  10. CHARACTER OF LINES, NUMBERS, &
21.6 cm by 27.9 cm (8 1/2x 11 inches) All drawing sheets not the same size: Sheet(s) Drawings sheets not an acceptable size. Fig(s) 5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) 6. VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C; etc., the specification, at the Brief Description of the Drawings, must likewise be changed. Views not labeled separately or properly. Fig(s)  13. LEAD LINES. 37 CFR 1.84(q) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(u) Sheets not numbered consecutively, and in Arabin numbers beginning with number 1. Sheet(s) 15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not numbered consecutively, and in Arabin numerals, beginning with number 1. Fig(s) Solid black surface shading is not permitted excewhen used to represent the color black as well as color contrast. Fig(s)	21.6 cm by 27.9 cm (8 1/2x 11 inches)  All drawing sheets not the same size: Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm Margins not acceptable. Fig(s)  Top (T) Left (L) Right (R) Bottom (B)  6. VIEWS. 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.  Views not labeled separately or properly. Fig(s)  Sectional designation should be noted with Arabic or Roman numbers. Fig(s)  DIAD W  legible. Fig(s) Numbers and reference characters not oriented the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers alphabet not used. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters most oriented the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters most oriented the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters most oriented the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers letters and reference characters must at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). 2 Fig(s) Sheap of the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers letters and reference characters must at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). 2 Fig(s) Sheap of the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Sheap of the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Sheap of the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Sheap of the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Sheap of the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Sheap of the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Sheap of the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Sheap of the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Sheap of the same direction as the view. 37 CFR 1.8	3. TYPE OF PAPER. 37 CFR 1.84(e)  Paper not flexible, strong, white, and durable.  Fig(s)  Erasures, alterations, overwritings: interlineations, folds, copy machine marks not accepted.  Fig(s)  4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s)  11. SHADING. 37 CFR 1.84(m) Solid black areas pale. Fig(s) Solid black shading not permitted. Fig(s)  12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.  Views not labeled separately or properly.  Fig(s)  7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)  Sectional designation should be noted with Arabic or Roman numbers. Fig(s)  Arabic or Roman numbers. Fig(s)  Solid black surface shading is not permitted excewhen used to represent the color black as well as color contrast. Fig(s)	REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C; etc., the specification, at the Brief Description of the Drawings, must likewise be changed.	21.6 cm by 27.9 cm (8 1/2x 11 inches)  All drawing sheets not the same size.  Sheet(s) Drawings sheets not an acceptable size. Fig(s) 5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm Margins not acceptable. Fig(s) Top (T) Left (L)	legible. Fig(s)  Figure legends are poor. Fig(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(Fig(s)  English alphabet not used. 37 CFR 1.84(p)(2)  Fig(s)  Numbers, letters and reference characters must be
Arabic or Roman numbers. Fig(s)  16. DESIGN DRAWINGS. 37 CFR 1.152  Surface shading shown not appropriate.  Fig(s)  Solid black surface shading is not permitted excewhen used to represent the color black as well as color contrast. Fig(s)	Arabic or Roman numbers. Fig(s)  16. DESIGN DRAWINGS. 37 CFR 1.152  Surface shading shown not appropriate.  Fig(s)  Solid black surface shading is not permitted except when used to represent the color black as well a color contrast. Fig(s)  COMMENTS:	REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.	13. LEAD LINES. 37 CFR 1.84(q) Lead lines missing. Fig(s)  14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) Sheets not numbered consecutively, and in Arabi numbers beginning with number 1. Sheet(s)  15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not numbered consecutively, and in Arabi
	DRD = 11=101	Arabic or Roman numbers. Fig(s)	16. DESIGN DRAWINGS. 37 CFR 1.152  Surface shading shown not appropriate.  Fig(s)  Solid black surface shading is not permitted excewhen used to represent the color black as well as